



DEPARTMENT OF HEALTH & HUMAN SERVICES

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Public Health Service

JUN 15 2004

Agency for Toxic Substances
and Disease Registry
Atlanta GA 30333

~~SECRET~~

June 2, 2004

Herculaneum Today & Tomorrow
P.O. Box 361
Herculaneum, Missouri 63048

Dear Herculaneum Today & Tomorrow Leadership Group:

This is being sent in response to your April 22, 2004, letter to Denise Jordan-Izaguirre of the Agency for Toxic Substances and Disease Registry (ATSDR). This response is being jointly submitted by ATSDR and the Missouri Department of Health and Senior Services (DHSS).

The first question for which you requested a response from ATSDR was, "How will the redeposition data, once complete, be used to determine if reoccupancy of a residence is a risk to human health, i.e., how will an "unacceptable" rate of redeposition be determined?" Once the redeposition study is complete, we anticipate that the Environmental Protection Agency (EPA) and the Missouri Department of Natural Resources (DNR) will use the calculated redeposition rates to estimate how long it will take for soil lead concentrations to exceed existing clean-up levels. Depending on the estimated rate of redeposition, ATSDR and DHSS may request more frequent sampling so that we can ensure that the levels do not reach a level of health concern. We anticipate that DNR and EPA will determine what future actions to take based on how long it will take to recontaminate yards beyond an acceptable level. ATSDR and DHSS will continue to work closely to ensure the safety of Herculaneum residents.

The second question was, "Will data from the redeposition study be used to determine acceptable non-residential land uses?" Based on the redeposition study, we anticipate that EPA and DNR will make recommendations on appropriate future land uses. If requested by EPA, DNR, or the community, ATSDR and DHSS will provide you with a public health opinion on the recommended future land use.

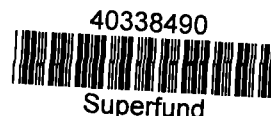
Thank you for the opportunity to provide information to you regarding these issues. We look forward to continue working with you to protect the health of Herculaneum citizens.

Sincerely,

Denise Jordan-Izaguirre
Senior Regional Representative
Agency for Toxic Substances and
Disease Registry

for Scott Clardy
Administrator
Section for Environmental Public Health
Missouri Department of Health and
Senior Services

cc:
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